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Remarks

Claims 1 - 7 remain pending in the application. Claims 8 - 10 have been canceled. Reconsideration is respectfully requested in view of the above amendments and the following remarks.

Claim Rejection under 35 U.S.C. § 112

Claims 1 - 10 have been rejected under 35 U.S.C. § 112 for being indefinite and failing to point out and distinctly claim the subject matter which the applicant regards as the invention. Specifically, the examiner has stated there is insufficient antecedent basis and not properly referred for the claim limitation of "the desired output" in Claim 3 and the claim limitation of "the system" in Claims 4, 7, and 10. The Examiner has also stated the equation " $\text{RPM} = M \times \text{Flow rate}$ " is not fully understood since "Flow rate" was not properly referred in Claims 3, 6, and 9. The Examiner further states Claim 4, 7, and 10 are not fully understood since "inlet pressure was not properly referred.

Claims 8 -10 have been canceled rendering the rejection relating to those claims moot. Claims 1 - 7 have been amended to provide proper antecedent basis and to better claim the subject matter regarded as the invention. In Claim 1, "inlet pressure" and "desired flow rate" have now been properly defined. In Claims 2, 3, and 4, "the system" has properly been referred to from Claim 1. Therefore, due to the current amendments withdrawal of this rejection is respectfully requested.

Claim Rejection under 35 U.S.C. § 101

Claims 1 - 7 have been rejected under 35 U.S.C. § 101 as claiming the same invention as that of the prior US patent 6,595,829. Independent Claim 1 has been amended to claim a "de-

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ionized water source". Support for this new claim element can be found in the specification on page 2, lines 20 - 24. Since newly amended Claim 1 claims additional patentable subject matter, it is no longer coextensive in scope to the prior patent. Therefore, withdrawal of this rejection for Claim 1 and dependent Claims 2 - 5 is respectfully requested.

Independent Claim 5 has been amended to claim the step of "supplying de-ionized water from a de-ionized water source". Support for this new claim element can be found in the specification on page 2, lines 20 - 24. Since newly amended Claim 5 claims additional patentable subject matter, it is no longer coextensive in scope to the prior patent. Therefore, withdrawal of this rejection for Claim 5 and dependent Claims 6 - 7 is respectfully requested.

Claim Objection under 37 C.F.R. 1.75

Claims 8 - 10 are objected to under 37 C.F.R. 1.75. Claims 8 - 10 have been canceled rendering this objection moot. Therefore, withdrawal of this objection is respectfully requested.

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Conclusion

This response has addressed all of the Examiner's grounds for rejection. The rejections based on prior art have been traversed. Reconsideration of the rejections and allowance of the claims is requested.

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By:



Marc J. Frechette, Esq.
Reg. No. 49060